

=> d his

(FILE 'HOME' ENTERED AT 13:03:04 ON 29 AUG 2001)

FILE 'REGISTRY' ENTERED AT 13:03:14 ON 29 AUG 2001

L1 115 S UDP-GLUCURONOSYLTRANSFER?

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 13:08:00 ON 29 AUG 2001

L2 1038061 S ?TRANSFERAS?

L3 433650 S TRANSFERAS?

L4 20536 S UDP? AND L3

L5 24894 S UDP-GLUCURON?

L6 12510 S UDP-GLUCURONOSYLTRANSF?

L7 181 S URIDIN? AND DIPHOSPHOGLUCURONOSYLTRA?

L8 2463 S UDPGT

L9 28 S L8 AND L7

L10 25694 S L5 OR L6 OR L7 OR L8

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGU, EMBAL, EMBASE, ESBIODBASE, FROSTI, FSTA, GENBANK, ...' ENTERED AT 13:20:28 ON 29 AUG 2001

L11 8896 DUP REM L10 (16798 DUPLICATES REMOVED)

L12 7143 S L10 AND HUMA?

L13 719 S L12 AND RECOMBI?

L14 3246 S L12 AND EXPRES?

L15 1018 S L11 AND (HOMOLOG? OR IDENTI?)

L16 2682 S L11 AND HUMA?

L17 1347 S L16 AND (RECOMB? OR EXPRES?)

L18 12 S L17 AND UGT2

=> s 15 and ugt2

MAXIMUM L# WOULD BE EXCEEDED.

=> d 118 1-12 ibib abs

NO VALID FORMATS ENTERED FOR FILE 'GENBANK'

In a multiframe environment, each file must have at least one valid format requested. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d 118 1-12

L18 ANSWER 1 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 2001:302017 BIOSIS

DN PREV200100302017

TI Coordinate expression of human UGT2A1 and UGT2A2 in gastrointestinal tissues.

AU Nguyen, Nghia (1); Strassburg, Christian P.; Tukey, Robert H. (1)

CS (1) Depts. of Chemistry and Biochemistry and Pharmacology, UCSD Cancer Center, La Jolla, CA, 92093 USA

SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A574. print.

Meeting Info.: Annual Meeting of the Federation of American Societies for Experimental Biology on Experimental Biology 2001 Orlando, Florida, USA  
March 31-April 04, 2001

ISSN: 0892-6638.

DT Conference

LA English

SL English

L18 ANSWER 2 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 2001:143171 BIOSIS

DN PREV200100143171

TI Characterization of UDP-glucuronosyltransferases  
(UGTS) involved in the metabolism of troglitazone in rats and humans.

AU Yoshigae, Yasushi (1); Konno, Kumiko; Takasaki, Wataru; Ikeda, Toshihiko

CS (1) Drug Metabolism and Pharmacokinetics Research Laboratories, Sankyo Co., Ltd., 1-2-58 Hiromachi, Shinagawa-Ku, Tokyo, 140-8710 Japan

SO Journal of Toxicological Sciences, (December, 2000) Vol. 25, No. 5, pp. 433-441. print.

ISSN: 0388-1350.

DT Article

LA English

SL English

L18 ANSWER 3 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 2001:140848 BIOSIS

DN PREV200100140848

TI Genetic multiplicity of the human UDP-glucuronosyltransferases and regulation in the gastrointestinal tract.

AU Tukey, Robert H. (1); Strassburg, Christian P.

CS (1) Departments of Pharmacology, Chemistry and Biochemistry, University of California, San Diego, La Jolla, CA, 92093-0635: rtukey@ucsd.edu USA

SO Molecular Pharmacology, (March, 2001) Vol. 59, No. 3, pp. 405-414. print.  
ISSN: 0026-895X.

DT General Review

LA English

SL English

L18 ANSWER 4 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 2001:102464 BIOSIS

DN PREV200100102464

TI Relative enzymatic activity, protein stability, and tissue distribution of human steroid-metabolizing UGT2B subfamily members.

AU Turgeon, David; Carrier, Jean-Sebastien; Levesque, Eric; Hum, Dean W.; Belanger, Alain (1)

CS (1) Oncology and Molecular Endocrinology Research Center, CHUL Research Center, 2705 Boulevard Laurier, Quebec, PQ, G1V 4G2:  
alain.belanger@crchul.ulaval.ca Canada

SO Endocrinology, (February, 2001) Vol. 142, No. 2, pp. 778-787. print.  
ISSN: 0013-7227.

DT Article

LA English

SL English

L18 ANSWER 5 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 2001:12975 BIOSIS

DN PREV200100012975

TI Polymorphic gene regulation and interindividual variation of UDP-glucuronosyltransferase activity in human small intestine.

AU Strassburg, Christian P. (1); Kneip, Susanne; Topp, Juliane; Obermayer-Straub, Petra; Barut, Ayse; Tukey, Robert H.; Manns, Michael P.

CS (1) Dept. of Gastroenterology and Hepatology, Hannover Medical School, Carl-Neuberg-Str. 1, 30625, Hannover: strassburg.christian@mh-hannover.de Germany

SO Journal of Biological Chemistry, (November, 2000) Vol. 275, No. 46, pp. 36164-36171. print.

ISSN: 0021-9258.

DT Article

LA English

SL English

L18 ANSWER 6 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1999:540390 BIOSIS

DN PREV199900540390

TI Glucuronidation of benzidine and its metabolites by cDNA-expressed human UDP-glucuronosyltransferases and pH stability of glucuronides.

AU Ciotti, Marco; Lakshmi, Vijaya M.; Basu, Nikhil; Davis, Bernard B.; Owens, Ida S.; Zenser, Terry V. (1)

CS (1) VA Medical Center, 11G-JB, Saint Louis, MO, 63125-4199 USA

SO Carcinogenesis (Oxford), (Oct., 1999) Vol. 20, No. 10, pp. 1963-1969.

ISSN: 0143-3334.

DT Article

LA English

SL English

L18 ANSWER 7 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1999:467908 BIOSIS

DN PREV199900467908

TI Morphine regulation of a novel uridine diphosphate glucuronosyl-transferase in guinea pig pups following in utero exposure.

AU Smith, Sue Ann (1); Nagalla, Srinivasa R.; Andrews, David P.; Olsen, George D.

CS (1) Department of Pediatrics, NRC5, Oregon Health Sciences University, 3181 SW Sam Jackson Park Road, Portland, OR, 97201 USA

SO Molecular Genetics and Metabolism, (Sept., 1999) Vol. 68, No. 1, pp. 68-77.

ISSN: 1096-7192.

DT Article

LA English

SL English

L18 ANSWER 8 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1999:203977 BIOSIS

DN PREV199900203977

TI Regulation and function of family 1 and family 2 UDP-glucuronosyltransferase genes (UGT1A, UGT2B) in human

oesophagus.

AU Strassburg, Christian P.; Strassburg, Ahlke; Nguyen, Nghia; Li, Qing;  
Manns, Michael P.; Tukey, Robert H. (1)

CS (1) Department of Pharmacology and the Cancer Center, University of  
California, San Diego, La Jolla, CA, 92093 USA

SO Biochemical Journal, (March 1, 1999) Vol. 338, No. 2, pp. 489-498.  
ISSN: 0264-6021.

DT Article

LA English

SL English

L18 ANSWER 9 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1995:121951 BIOSIS

DN PREV199598136251

TI Induction of UDP-glucuronosyltransferases and  
cytochromes P450 in human hepatocytes.

AU Abid, A.; Sabolovic, N.; Batt, A.-M. (1); Siest, G.; Maurel, P.;  
Guillemin, F.; Magdalou, J.

CS (1) Cent. Med., 30 rue Lionnois, 54000 Nancy France

SO Cellular Pharmacology, (1994) Vol. 1, No. 6, pp. 257-262.  
ISSN: 1351-3214.

DT Article

LA English

L18 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1997:712040 CAPLUS

DN 128:753

TI The structure and function of the UDP-  
glucuronosyltransferase gene family

AU Burchell, B.; Brierley, C. H.; Monaghan, G.; Clarke, D. J.

CS Dep. Molecular Cellular Pathol., Ninewells Hosp. Medical Sch., Dundee, DD1  
9SY, UK

SO Adv. Pharmacol. (San Diego) (1998), 42(Catecholamines), 335-338  
CODEN: ADPHEL; ISSN: 1054-3589

PB Academic

DT Journal; General Review

LA English

L18 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1996:416814 CAPLUS

TI UDP-glucuronosyl transferases.

AU Remmel, R. P.

CS Department Medicinal Chemistry, University Minnesota, Minneapolis, MN,  
55455, USA

SO Book of Abstracts, 212th ACS National Meeting, Orlando, FL, August 25-29  
(1996), TOXI-053 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 63BFAF

DT Conference; Meeting Abstract

LA English

L18 ANSWER 12 OF 12 GENBANK.RTM. COPYRIGHT 2001

LOCUS (LOC): HSUGT2BIO GenBank (R)

GenBank ACC. NO. (GBN): X63359

CAS REGISTRY NO. (RN): 150498-65-0

SEQUENCE LENGTH (SQL): 2799

MOLECULE TYPE (CI): RNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 19 Jul 1994  
 DEFINITION (DEF): H.sapiens UGT2BIO mRNA for udp  
 glucuronosyltransferase.  
 KEYWORDS (ST): UDP-glucuronosyltransferase;  
 ugt2bio gene  
 SOURCE: human.  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryotae; mitochondrial eukaryotes; Metazoa;  
 Chordata; Vertebrata; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 792 a 605 c 569 g 833 t  
 REFERENCE: 1 (bases 1 to 2799)  
 AUTHOR (AU): Mackenzie,P.I.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (19-NOV-1991) P.I. Mackenzie, Flinders  
 University, Dept of Clinical Pharmacology, School of  
 Medicine, Flinders Medical Centre, Bedford Park SA  
 5042, AUSTRALIA  
 REFERENCE: 2 (bases 1 to 2799)  
 AUTHOR (AU): Jin,C.J.; Miners,J.O.; Lillywhite,K.J.; Mackenzie,P.I.  
 TITLE (TI): cDNA cloning and expression of two new  
 members of the human liver UDP-  
 glucuronosyltransferase 2B subfamily  
 JOURNAL (SO): Biochem. Biophys. Res. Commun., 194 (1), 496-503 (1993)  
 OTHER SOURCE (OS): CA 119:198451

FEATURES (FEAT):

Feature Key	Location	Qualifier
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FQYHSLDVIGFLLACVATVLFIT  
KCCLFCFWKFARKGKKGKRD"

gene 11..1597  
polyA-signal 2772..2788

/gene="UGT2 BIO"

SEQUENCE (SEQ):

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121 tatgaagaca atcctgaag aactgttca gagaggtcat gaggtgactg tactggcatc  
181 ttcagcttcc attcttttg atcccaacga ctcatccact cttaacttg aagtttatcc  
241 tacatcttta actaaaactg aatttgagaa tatcatcatg caattggta agagattgtc  
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1021 attgatggg aataaaccag atgccttagg tctcaatact cgactgtaca agtgatacc  
1081 ccgaatgac ctctaggtc atccaaaaac cagagctttt ataactcatg gtggagccaa  
1141 tggcatctat gaggcaatct accatgggat ccctatggtg ggcattccat tgttttga  
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1741 aattattctt caattagta ggatgattg actatcagca gtcatagta cccatctca  
1801 taactaagcc acctaggat cggcgagaaa aaaaaggat gcaggggagt catcatacag  
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1981 tgtgttccat ggagttttc ctccaagaag tggcttaggg gaaaatgagc cccagtaatg  
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2281 ggtccctgca tgcagtaaa ctttgatga ccttgggaga ccaaaaaatg gaatatcatt  
2341 tttagtcta aacaaaatag ttctctgatt taacctggc caggaaagg ggtgcaccc  
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2761 ctcttctc caataaagct cgttctta agggaattc

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI	l30 and udp?	0	<u>L32</u>
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USPT,PGPB,JPAB,EPAB,DWPI	?transferase	32	<u>L30</u>
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USPT,PGPB,JPAB,EPAB,DWPI	(karen and ketchum)[in]	0	<u>L19</u>
USPT,PGPB,JPAB,EPAB,DWPI	(jane and ye)[in]	0	<u>L18</u>
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USPT,PGPB,JPAB,EPAB,DWPI	(wei)[in]	9108	<u>L15</u>
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